

# CITATION REPORT

List of articles citing

**Chelerythrine and dihydrochelerythrine induce G1 phase arrest and bimodal cell death in human leukemia HL-60 cells**

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**Toxicology in Vitro, 2008, 22, 1008-17.**

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#	Paper	IF	Citations
60	Cytotoxic activity of sanguinarine and dihydrosanguinarine in human promyelocytic leukemia HL-60 cells. <i>Toxicology in Vitro</i> , <b>2009</b> , 23, 580-8	3.6	49
59	PTTH-stimulated ERK phosphorylation in prothoracic glands of the silkworm, <i>Bombyx mori</i> : role of Ca(2+)/calmodulin and receptor tyrosine kinase. <i>Journal of Insect Physiology</i> , <b>2010</b> , 56, 93-101	2.4	37
58	Fluorescent bioprobes: structural matching in the docking processes of aggregation-induced emission fluorogens on DNA surfaces. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1232-45	4.8	154
57	Mitocans Agents Targeting Mitochondria to Kill Cancer Cells. <b>2010</b> , 321-344		
56	Gene expression analysis of embryonic photoreceptor precursor cells using BAC-Crx-EGFP transgenic mouse. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 392, 317-22	3.4	15
55	Mitochondrial Genetics and Cancer. <b>2010</b> ,		18
54	Benzo[c]phenanthridine alkaloids exhibit strong anti-proliferative activity in malignant melanoma cells regardless of their p53 status. <i>Journal of Dermatological Science</i> , <b>2011</b> , 62, 22-35	4.3	44
53	Isolation of bioactive components from <i>Chelidonium majus</i> L. with activity against <i>Trichodina</i> sp.. <i>Aquaculture</i> , <b>2011</b> , 318, 235-238	4.4	24
52	Reactive oxygen species-independent rapid initiation of mitochondrial apoptotic pathway by chelerythrine. <i>Toxicology in Vitro</i> , <b>2011</b> , 25, 1581-7	3.6	24
51	Antiparasitic efficacy of dihydrosanguinarine and dihydrochelerythrine from <i>Macleaya microcarpa</i> against <i>Ichthyophthirius multifiliis</i> in richadsin ( <i>Squaliobarbus curriculus</i> ). <i>Veterinary Parasitology</i> , <b>2011</b> , 183, 8-13	2.8	36
50	Induction of apoptosis by chelerythrine chloride through mitochondrial pathway and Bcl-2 family proteins in human hepatoma SMMC-7721 cell. <i>Archives of Pharmacal Research</i> , <b>2011</b> , 34, 791-800	6.1	40
49	UPLC-QTOF/MS Analysis of Alkaloids in Traditional Processed <i>Coptis chinensis</i> Franch. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 942384	2.3	13
48	Chelerythrine chloride from <i>Macleaya cordata</i> induces growth inhibition and apoptosis in human gastric cancer BGC-823 cells. <i>Acta Pharmaceutica Sinica B</i> , <b>2012</b> , 2, 464-471	15.5	17
47	A novel aminosteroid of the 5 $\alpha$ -androstane-3 $\beta$ -7 $\beta$ -diol family induces cell cycle arrest and apoptosis in human promyelocytic leukemia HL-60 cells. <i>Investigational New Drugs</i> , <b>2012</b> , 30, 176-85	4.3	21
46	Induction of mitochondrial dependent apoptosis and cell cycle arrest in human promyelocytic leukemia HL-60 cells by an extract from <i>Dorstenia psilurus</i> : a spice from Cameroon. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 223	4.7	20
45	Water-soluble tetraphenylethene derivatives as fluorescent "light-up" probes for nucleic acid detection and their applications in cell imaging. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 1806-12	4.5	59
44	Optimized genetic transformation of <i>Zanthoxylum zanthoxyloides</i> by <i>Agrobacterium rhizogenes</i> and the production of chelerythrine and skimmiamine in hairy root cultures. <i>Engineering in Life Sciences</i> , <b>2014</b> , 14, 95-99	3.4	7

43	Chelerythrine induces reactive oxygen species-dependent mitochondrial apoptotic pathway in a murine T cell lymphoma. <i>Tumor Biology</i> , <b>2014</b> , 35, 129-40	2.9	8
42	Antitumour activities of sanguinarine and related alkaloids. <i>Phytochemistry Reviews</i> , <b>2014</b> , 13, 51-68	7.7	63
41	Optimization of the separation and determination of nitidine and chelerythrine in <i>Zanthoxylum nitidum</i> by high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatographic Science</i> , <b>2014</b> , 52, 164-8	1.4	3
40	Structural speculation and identification of alkaloids in <i>Macleaya cordata</i> fruits by high-performance liquid chromatography/quadrupole-time-of-flight mass spectrometry combined with a screening procedure. <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 1033-44	2.2	33
39	Analysis of benzo[c]phenanthridine alkaloids in <i>Eschscholtzia californica</i> cell culture using HPLC-DAD and HPLC-ESI-MS/MS. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2014</b> , 78, 1103-11	2.1	7
38	Chelerythrine inhibits the sarco/endoplasmic reticulum Ca(2+)-ATPase and results in cell Ca(2+) imbalance. <i>Archives of Biochemistry and Biophysics</i> , <b>2015</b> , 570, 58-65	4.1	8
37	Pseudocyanides of sanguinarine and chelerythrine and their series of structurally simple analogues as new anticancer lead compounds: Cytotoxic activity, structure-activity relationship and apoptosis induction. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 67, 45-54	5.1	26
36	Plant-Derived Prooxidants as Potential Anticancer Therapeutics. <i>Studies in Natural Products Chemistry</i> , <b>2016</b> , 50, 81-129	1.5	
35	Tissue-specific metabolite profiling of benzylisoquinoline alkaloids in the root of <i>Macleaya cordata</i> by combining laser microdissection with ultra-high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2017</b> , 31, 397-410	2.2	10
34	Components from the Traditional Chinese Medicine Acts as Protein Kinase Inhibitors. <b>2017</b> , 247-272		
33	Mild C(sp)-H functionalization of dihydrosanguinarine and dihydrochelerythrine for development of highly cytotoxic derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 138, 1-12	6.8	3
32	Molecular Oncology: Underlying Mechanisms and Translational Advancements. <b>2017</b> ,		1
31	Induction of reactive oxygen species-stimulated distinctive autophagy by chelerythrine in non-small cell lung cancer cells. <i>Redox Biology</i> , <b>2017</b> , 12, 367-376	11.3	35
30	Development of Certain Protein Kinase Inhibitors with the Components from Traditional Chinese Medicine. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 523	5.6	11
29	Chelidonine and Homochelidonine Induce Cell Death through Cell Cycle Checkpoints and MAP Kinase Pathways. <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701200	0.9	1
28	Chelerythrine Inhibits Human Hepatocellular Carcinoma Metastasis in Vitro. <i>Biological and Pharmaceutical Bulletin</i> , <b>2018</b> , 41, 36-46	2.3	17
27	Medicinal plants of the genus <i>Macleaya</i> ( <i>Macleaya cordata</i> , <i>Macleaya microcarpa</i> ): A review of their phytochemistry, pharmacology, and toxicology. <i>Phytotherapy Research</i> , <b>2018</b> , 32, 19-48	6.7	29
26	Chelerythrine induced cell death through ROS-dependent ER stress in human prostate cancer cells. <i>OncoTargets and Therapy</i> , <b>2018</b> , 11, 2593-2601	4.4	21

25	Characterization of N-methylcanadine and N-methylstylopine metabolites in rat liver S9 by high-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2018</b> , 32, 2047-2054	2.2	4
24	Greater Celandine's Ups and Downs-21 Centuries of Medicinal Uses of From the Viewpoint of Today's Pharmacology. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 299	5.6	39
23	Insights into the antineoplastic mechanism of Chelidonium majus via systems pharmacology approach. <i>Quantitative Biology</i> , <b>2019</b> , 7, 42-53	3.9	1
22	Effects of 2-aryl-1-cyano-1,2,3,4-tetrahydroisoquinolines on apoptosis induction mechanism in NB4 and MKN-45 cells. <i>Toxicology in Vitro</i> , <b>2019</b> , 54, 295-303	3.6	2
21	Chelerythrine induces apoptosis via ROS-mediated endoplasmic reticulum stress and STAT3 pathways in human renal cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 50-60	5.6	23
20	Chelerythrine suppresses proliferation and metastasis of human prostate cancer cells via modulating MMP/TIMP/NF- $\kappa$ B system. <i>Molecular and Cellular Biochemistry</i> , <b>2020</b> , 474, 199-208	4.2	6
19	C-H Functionalization of Biaryl Compounds. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 3737-3765	5.2	4
18	Anticancer Natural Alkaloids as Drug Bank Targeting Biomolecules. <b>2021</b> , 1-31		
17	Pharmacokinetics of chelerythrine and its metabolite after oral and intramuscular administrations in pigs. <i>Xenobiotica</i> , <b>2021</b> , 51, 1264-1270	2	2
16	Cytotoxic alkaloids from the root of (mildbr) Kokwaro. <i>Natural Product Research</i> , <b>2021</b> , 1-8	2.3	4
15	Chelerythrine Chloride Downregulates $\beta$ Catenin and Inhibits Stem Cell Properties of Non-Small Cell Lung Carcinoma. <i>Molecules</i> , <b>2020</b> , 25,	4.8	13
14	Cell death mechanismsApoptosis pathways and their implications in toxicology. <b>2020</b> , 199-228		
13	Image1.TIF. <b>2018</b> ,		
12	Table1.DOCX. <b>2018</b> ,		
11	Table2.DOCX. <b>2018</b> ,		
10	Rediscovery of Traditional Plant Medicine: An Underestimated Anticancer Drug of Chelerythrine. <i>Frontiers in Pharmacology</i> , 13,	5.6	1
9	Chelerythrine Chloride Inhibits Stemness of Melanoma Cancer Stem-Like Cells (CSCs) Potentially via Inducing Reactive Oxygen Species and Causing Mitochondria Dysfunction. <i>Computational and Mathematical Methods in Medicine</i> , <b>2022</b> , 2022, 1-10	2.8	
8	Antitumor Effects of Chelerythrine: A Literature Review. <b>2022</b> , 17, 1934578X2211030		

- 7 Chelerythrine-Induced Apoptotic Cell Death in HepG2 Cells Involves the Inhibition of Akt Pathway and the Activation of Oxidative Stress and Mitochondrial Apoptotic Pathway. **2022**, 11, 1837 ○
- 6 6-Methoxydihydrosanguinarine induces apoptosis and autophagy in breast cancer MCF -7 cells by accumulating ROS to suppress the PI3K / AKT / mTOR signaling pathway. ○
- 5 Chelerythrine Inhibits Stemness of Cancer Stem-Like Cells of Osteosarcoma and PI3K/AKT/mTOR Signal. **2022**, 2022, 1-11 ○
- 4 Tap the sap ¶ Investigation of latex-bearing plants in the search of potential anticancer biopharmaceuticals. 13, ○
- 3 Anticancer Natural Alkaloids as Drug Bank Targeting Biomolecules. **2022**, 559-589 ○
- 2 In Vitro Antifungal Activity of Dihydrochelerythrine and Proteomic Analysis in *Ustilagoidea virens*. **2023**, 30, 257-266 ○
- 1 Chelerythrine, a novel small molecule targeting IL-2, inhibits melanoma progression by blocking the interaction between IL-2 and its receptor. **2023**, 320, 121559 ○